1: Petrullo E-3 (1933-34) 1939 SS19 Yaruro SS19

aboriginal peoples are called by the Spanish word "Racionales" which is the equivalent of "civilizado," civilized. It was only after they came to the conclusion that I was a Pumeh also, and quite different from the Racionales, that they accepted me and made this study possible.

PHYSICAL CHARACTERISTICS

The Yaruros are small and dark with a strong mongoloid appearance. The faces are heavy, broad, with the eyes very often showing the mongoloid fold. The average stature of the men is about 5 feet 3 inches and of the women about 4 feet 10 inches. One gets the impression that the heads are larger than the ordinary in comparison with the body size. The frame is light, both men and women possessing small, beautifully shaped hands and feet. The body is relatively hairless, as is usual among pure Indian peoples. They have strong teeth and seem to keep them until a very old age.

The Yaruros have had some contact with Europeans or mixtures of Spanish, Negro, and Indians for several centuries. Herrara reached the Meta River in 1535, and subsequently missions were established along the Orinoco and its tributaries. About 1750 a mission was established at La Urbana for the Otomacos, and one was later established at Barinas. Apparently at that time these people inhabited the region between the Capanaparo and the Apure. No missions were established for the Yaruros, and, according to Gilii, the Yaruros came to the Otomaco missions to be baptized. Father Gumilla wrote:

> Here, between the Sinaruco and Meta rivers were established the colonies of Santa Barbara and of San Juan Francisco Regis at the end of 1739, having pacified the Saruro (Yaruro) nation; of which nation Father Manuel Roman, the Superior of those missions, in a letter of February 20, 1740, gives me excellent news of their good will and docility and, which is receiving our teachings anxiously; with the hope that with the good example of these first two other Reductions will be established. He adds that in the colony of San Francisco de Borja of the same nation Sarura, of which Father Francisco de Olmo is in charge, who has reduced their language to writing and a dictionary, Christianity is flourishing; and that already schools for writing, reading, and singing are attended by children (a short while ago they were wild); and that they sing the mass, litanies, etc., in a fair way. So much does careful and diligent effort accomplish in those wild regions! Father Roque Lubian takes care of the Santa Teresa village with the same efficiency; Father Jose Maria Cervillini is in charge of San Ignacio; he, with Brother Agustin de la Vega, attend as best they can the rest of the new villages, and they are clamoring for workers with the firm hope that you will send them as soon as possible.

Since there has been contact with the white man and some Negroes for several centuries, one would expect a certain amount of race mixture. However, I never saw a sign of the slightest trace of Negro blood. The hair which, more than any other characteristic, seems to indicate Negro contact, in the case of the Yaruro is coarse and straight,

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142 and if not jet black, chestnut in color. The following table gives the measurements of practically every adult Yaruro met with:

PHYSICAL ANTHROPOLOGY

Measurements

EL BURON

● 141

Sex	Approximate age	Height	Sitting height	Head length	Head breadth	Cephalic index	Zygomatic breadth	Symbols refer to hair samples (unstudied)
		Cm	Cm	Cm	Cm		Cm	
F.	20	144.5	75	17.3	15.2	87.9	13.3	F1a.
F.	35	153.5	78.5	16.5	14.6	78.9	13.1	F2a.
F.	35	146	75	16.7	14	74.9	13.6	F3a.
F.	13	149	77	17.2	15.2	88.4	13.2	F4a.
F.	40	151.5	83.5	17.7	14	79.1	13.2	F5a.
Average	28.6	148.9	78.0	17.9	14.6	81.8	13.2	
M.	30	164.5	85	17.8	15	84.3	13	M1a.
M.	30	158.6	80.3	17.7	15.3	86.4	13.8	M2a.
M.	30	158.6	81	18.7	14.7	78.6	13.9	M3a.
M.	30	162.5	81	19.3	15	77.7	13.8	M4a.
Average	30	160.6	81.8	18.4	15.0	81.8	13.6	

LAGUNOTE

F.		153	73.8	19	14	77.8	12.7	F1b.
F.		146.8	78.4	16.3	13.6	83.4	13.6	F2b.
F.		142	71	17.5	14.5	82.9	13.1	F3b.
F.		147	72.7	17.7	14	79.1	13	F4b.
F.		150.3	74.4	17.4	13.8	79.3	11.6	F5b.
F.		157	79.4	18.4	14.2	77.2	13	F6b.
F.		150.3	81.4	17.6	14	79.5	12.5	F7b.
F.		150.5	78.2	17.8	14.5	81.5	13.7	F8b.
F.		144.3	78.4	18.6	14.4	77.4	12.7	F9b.
Average		147.8	76.3	17.7	14.1	79.8	12.7	
M.		162.4	84.2	18.5	14.4	77.8	13.9	M1b.
M.		158.5	79.6	18.4	14.4	78.3	13.7	M2b.
M.		163.9	83.1	16.3	14.7	90.7	14.5	M3b.
M.		166.2	81.5	18.7	15	80.2	13.4	M4b.
M.		159.4	79.3	18.8	14.3	76.1	13.8	M5b.
M.		154.5	76	18.7	15.1	80.7	13.7	M6b.
M.		152.	73.6	18	14.2	78.9	13.2	M7b.
Average		159.3	79.6	18.2	14.6	80.4	13.8	

MERCEDES

F.		153.6	81	18.4	13.4	72.8	13.4	F1c.
F.		146.5	77.4	18	14.9	82.8	13	F2c.
F.		150	81.5	18.3	15.4	79.8	12.7	F3c.
F.		144.5	76.6	19	14.1	74.2	13.7	F4c.
F.		153.5	77	18.2	14.3	78.6	13.2	F5c.
F.		147.9	72.5	17.7	13.7	77.4	13	F6c.
F.		136.6	70.2	17.6	13.8	78.4	11.9	F7c.
Average		148.4	76.5	18.3	14.2	77.7	12.9	
M.		167.4	84.1	19.9	15.7	78.9	14.7	M1c.
M.		168.4	87.7	18.9	17.3	90.9	15	M2c.
M.		160.2	83.2	18.5	16	86.5	15.2	M3c.
M.		154.4	87.7	18.5	15.2	82.2	14.1	M4c.
M.		159.4	81.5	17.8	15.6	87.6	14.5	M5c.
M.		160.2	83.1	18.4	15.4	83.7	14.5	M6c.
M.		154.8	81.4	18.7	15.2	81.3	13.2	M7c.
M.		158.5	77.6	18.7	14.4	77.0	13.6	M8c.
Average		160.2	83.2	18.8	15.6	83.0	14.6	

N. B.—Hair samples of children.